COVERT OPTICS

By **ARMASIGHT**

ThermX HS1
Handheld Thermal Scanner

Owner's Manual

CONGRATULATIONS ON YOUR PURCHASE OF THE NEW THERMX HS1 BY COVERT OPTICS.

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This Handheld Thermal Scanner is engineered using the finest and most robust materials in a unique combination that provides a light-as-a-feather package along with the ability to be weapon mounted via its 30mm main tube.

The HS1 display should be viewed no closer than 12 inches from the eye for best results.

SAFE OPERATION

Do not point the unit's objective lens at intensive sources of light, such as devices that emit laser radiation or the sun. This may render the electronic components inoperative. Your product warranty does not cover damage caused by misuse or improper operation.

This product uses a lithium battery. To prevent the possibility of personal injury or product damage caused by battery exposure to extreme heat, store the device out of direct sunlight and away from other extreme heat sources. Properly dispose of battery and device.

If you need product support, please contact **Covert Scouting Cameras Support** line at 270.743.1515 or visit www.feradyne.com/contact.

SPECIFICATIONS

Magnification	4X
Field of View	14deg
Focus Distance	2yd to infinity
Sensor	Lepton 3.5
Sensor Resolution	160x120
Frame Rate	9hz
Display Resolution	160x128
Display Type	1.5" OLED Color
Size (in)	4.3 x 2 x 1.5
Weight (oz)	4.3
Waterproof Rating	IP66
Battery	1xCR123 or 1xRCR123

Center Button
(MP) Power
ON/OFF

Left Arrow
(SP) Display Brightness
(MP) Menu

Right Arrow
(SP) Toggle
Color Mode

* **SP** = Short Press // **MP** = Medium Press

QUICK STEPS

Center Button
(MP) Power ON/OFF

Remove the battery cap and install the supplied CR123 battery with the positive terminal facing in. Reinstall the cap firmly.

Press the CENTER button for 3 seconds (*Medium Press*) to power the unit on. A splash screen type will appear, followed by the thermal display. Press the POWER button again for 3 seconds to power the unit off.

Battery indicator rapidly flashing indicates 1min to automatic power off with rechargeable battery.

Left Arrow   **Right Arrow**

SET SCREEN BRIGHTNESS

Press the LEFT ARROW to adjust display brightness.

COLOR MODE SELECTION

The HS1 has four color modes. Press the RIGHT ARROW to cycle through the color modes: White-Hot, Black-Hot, Green, and Color.

```
    MAIN
RETICLE      >
SLEEP        >
SYSTEM       >
NUC

EXIT
```

MENU MODE

Press the LEFT ARROW button for 2 seconds to enter the MAIN menu. RIGHT and LEFT arrows will scroll through menu items — Press the CENTER button to save the selection.

```
   RETICLE
   ENABLED
TYP         1
HOR        -2
VER  [ ]   +8

BACK
```

RETICLE MENU

There are six reticle types available. The reticle can be adjusted +/- 20 pixels in horizontal (Hor) and vertical (Ver) axes. One pixel equals approximately 5.3moa or 0.56 inches at 10yds, 1.1 inches at 20yds, and so on. The reticle can be toggled on or off by selecting "Enabled" or "Disabled."

```
    SLEEP
DIM         1M
SHUTOFF     5M



BACK
```

SLEEP MENU

The SLEEP menu offers battery-saving options. The "Dim" and "Shutoff" timer can be individually set to; Off, 1min, 5min, or 10min. The timer starts after the last button press. Pressing any button will bring the unit out of "Dim" mode.

```
   SYSTEM
BATTERY  CR123
V4.3.5
RESET ALL

BACK
```

SYSTEM MENU

Battery type can be configured by pressing the Center button to highlight the current battery type. Then press the RIGHT or LEFT arrow to change and the CENTER button to save. The unit will automatically power down and will need to be powered on again. Version indicates the currently installed firmware version. Selecting RESET ALL resets all settings (sleep, reticle, color, etc.) to factory settings.

LANYARD INSTALLATION

STEP 1
Separate loop from lanyard.

STEP 2
Thread loop into the attachment point.

STEP 3
Feed buckle through loop and pull snugly.

STEP 4
Reconnect the loop and lanyard.

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